

Anti-Melatonin Receptor 1b Antibody
Rabbit polyclonal antibody to Melatonin Receptor 1b
Catalog # AP60597

Specification

Anti-Melatonin Receptor 1b Antibody - Product Information

Application	WB
Primary Accession	P49286
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40188

Anti-Melatonin Receptor 1b Antibody - Additional Information

Gene ID 4544

Other Names

Melatonin receptor type 1B; Mel-1B-R; Mel1b receptor

Target/Specificity

Recognizes endogenous levels of Melatonin Receptor 1b protein.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-Melatonin Receptor 1b Antibody - Protein Information

Name MTNR1B

Function

High affinity receptor for melatonin. Likely to mediate the reproductive and circadian actions of melatonin. The activity of this receptor is mediated by pertussis toxin sensitive G proteins that inhibit adenylate cyclase activity.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

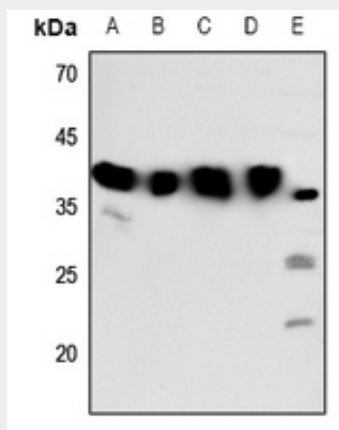
Expressed in retina and less in brain and hippocampus.

Anti-Melatonin Receptor 1b Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Melatonin Receptor 1b Antibody - Images



Western blot analysis of Melatonin Receptor 1b expression in HEK293T (A), HeLa (B), HepG2 (C), H460 (D), mouse brain (E) whole cell lysates.

Anti-Melatonin Receptor 1b Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Melatonin Receptor 1b. The exact sequence is proprietary.